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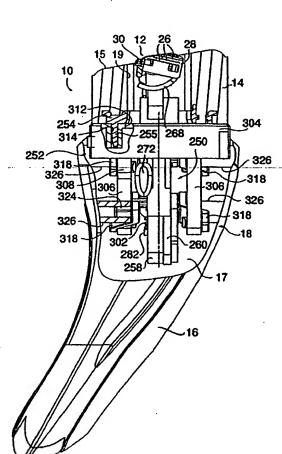
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[Continued on next page]

(54) Title: RAZOR ASSEMBLY



(57) Abstract: A razor assembly is provided that includes a razor cartridge (12) with one or more razor blades, a shaving aid body (14), a handle (16), and a linkage (18) pivotally connected to the handle. The linkage (18) is connected to the razor cartridge (12) and the shaving aid body (14) in a manner such that the razor cartridge and the shaving aid body are moveable relative to the handle. Movement of one of the razor cartridge or the shaving aid body in a first direction causes the other of the razor cartridge or the shaving aid body to move in a second direction substantially opposite the first direction. As a result, the positions of the shaving aid body and the razor cartridge are continuously adjusted to maintain the contact surface (15) of the shaving aid body approximately co-planar with the cutting edges of the razor blades within the razor cartridge.

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B26B21/44 B26B B26B21/40 B26B21/22 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 B26B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A EP 1 125 697 A (WARNER LAMBERT CO) 1,10,66. 22 August 2001 (2001-08-22) 69,89, 97,98, 102,107 paragraph '0063! - paragraph '0078!; claim 54; figures 1-7C paragraph '0075!; figures 6A,6B paragraphs '0075!,'0076!,'0085!-'0087!; χ 81,82,84 X 85,88 figures 6A-C,11 US 4 562 644 A (HITCHENS PETER B) A 1,10,66, 7 January 1986 (1986-01-07) 81,89,97 column 3, line 38 -column 6, line 53; figures 1-6 X FR 1 484 360 A (TIRARD ELISEE) 81,82 9 June 1967 (1967-06-09) the whole document Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority daim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 9. 10. 03 ŧ, 13 October 2003 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Maier, M

Internatio application No
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C.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/IB 0	3/U1144
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Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. 🗌	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This Inte	emational Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1. X	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. 🗌	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
-3[_]	As only some of the required additional search fees were timely paid by the applicant; this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the Invention first mentioned in the claims; it is covered by claims Nos.:
Remark	The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-9, 10-65, 66-68, 69-72, 73-78, 81-84, 89-96, 97, 98-101, 102-106, 107-109

A razor assembly comprising a handle, a replacement cartridge, a shaving aid body, and a linkage either (i) connected, preferably pivotally, to the handle, the replacement cartridge, and the shaving aid body, or (ii) connected to the razor cartridge, the shaving aid body, and the housing in a manner such that the the razor certridge and the shaving aid body are moveable relative to the handle, and movement of one of the razor cartridge or the shaving aid body in a first direction causes the other of the razor cartridge or the shaving aid body to move in a second direction substantially opposite the first direction.

Claims 73 to 78, 81 to 84, 98 to 101 and 107 to 109 are not directed to the subject-matter as indicated above but to the following:

- 1.1. Claims: 73-78

 A replacement cartridge, comprising a razor cartridge, a holder attached thereto, a shaving aid body, and a base attached thereto, the base comprising a center aperture wherein the holder is slidably received.
- 1.2. Claims: 81-84

 A base for a shaving aid portion of a razor assembly, comprising means for attaching the base to the shaving aid body, a center aperture, and means for attaching the base to the razor assembly.
- 1.3. Claims: 98-101
 A razor assembly, comprising a handle, a replacement cartridge including a razor cartridge slidably received within a center aperture of a shaving aid body.
- 2. Claims: 79-80

A replacement cartridge, comprising a razor cartridge and a holder attached thereto, the holder being operable to permit holder relative to the handle

3. Claims: 85-88

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

A holder for a razor cartridge portion of a razor assembly, comprising means for attaching the holder and the razor cartridge together; and means for attaching the holder to a linkage portion of the razor assembly.

Please note that all inventions mentioned under item 1, although not necessarily linked by a common inventive concept, could be searched without effort justifying an additional fee.

information on patent family members

Internatio pplication No
PCT/IB 03/01144

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